

Orsted  
Community  
Newsletter

July  
2020



Hornsea  
One and Two  
Offshore  
Wind Farms

# Welcome to the latest community newsletter for Hornsea One and Two

We are delighted to announce that Hornsea One is commercially operational and is now the largest offshore windfarm in the world, producing enough clean energy to supply over one million homes in the UK and being a major contributor towards both the UK's energy security and the Government's carbon reduction policies.

Work on Hornsea Two is also progressing well, with construction work within budget and on time. Over the last few months, we have also made several notable local contract signings as part of our commitment to the UK supply chain.

It is important to note that, although we are delighted with the progress of these projects, we are also addressing the unprecedented difficulties in light of the current COVID-19 pandemic. Ørsted's 'Plan, Care and Communicate' philosophy is now more important than ever in protecting the wellbeing of its employees, contractors and the general public during this unprecedented period. This newsletter will provide an update about the steps we are taking to keep workers and the community safe.



**Patrick Harnett**  
Programme Director, Hornsea Two

## About Ørsted

We are a renewable energy company with the **vision to create a world that runs entirely on green energy**. Climate change is one of the biggest challenges for life on earth; we need to transform the way we power the world.

We have invested significantly in the UK, where we now develop, construct and operate offshore wind farms and innovative biotechnology which generates energy from household waste without incineration.

Over the last decade, we have undergone a truly green transformation, halving our CO<sub>2</sub> emissions and focusing our activities on renewable sources of energy.

**We want to revolutionise the way we provide power** to people by developing market leading green energy solutions that benefit the planet and our customers alike.

# Where are the Hornsea offshore wind farm projects?



- Hornsea One and Two
- Hornsea Three
- Proposed location of Hornsea Four
- Operational Ørsted offshore wind farms

Hornsea One is located 120 km from the Yorkshire coast and is now commercially operational, with extensive commissioning and testing taking place on site.

Hornsea Two is adjacent to Hornsea One and will be situated 89 km from the coast.

Hornsea Three could generate enough green electricity to power well over 2 million UK homes and will connect into the national grid in Norfolk. The project is currently in development and is expecting its planning decision on 1 July 2020. To find out more, please visit: [www.hornseaproject3.co.uk](http://www.hornseaproject3.co.uk)

Hornsea Four has recently undertaken a pre-application consultation and is due to submit a Development Consent Order (DCO) application in 2020. For further information on the proposals, please visit: [www.hornseaprojects.co.uk/Hornsea-Project-Four](http://www.hornseaprojects.co.uk/Hornsea-Project-Four)

## How Ørsted is reacting to COVID-19

At this difficult time, we wanted to update you on how we have adjusted the way we work and how we will continue to engage with you throughout the construction of Hornsea Two.

In light of recent circumstances and risks surrounding COVID-19, we are ensuring construction can continue to take place in a manner that is safe for our employees and contractors, their families and the local community. We have changed the way we work offshore and onshore by limiting the number of staff on site, ensuring they adhere to social distancing guidelines and that they have full access to Personal Protective Equipment (PPE). We are confident that construction can continue as planned in line with government guidance.

Although it looks like lockdown measures will start to ease over the coming weeks and months, we will continue to monitor our construction methods. Our philosophy to 'Plan, Care will remain essential to our work both during this crisis and beyond. We remain committed to continuing to engage with you throughout construction, and will do so via the following methods:

- Maintaining our community information lines, including our Community Liaison Officer (CLO), who will continue to play an active role in supporting the local community.
- Keeping you updated through our quarterly newsletters, which will continue to provide an update on the status of construction and all the latest news regarding Hornsea Two.
- Maintaining our commitment to re-schedule our community events, either at a later date, or in an alternative format to traditional face-to-face methods.

At Ørsted, we wanted to pass on our own message of thanks to those in the communities where we operate and assist their continued efforts to protect the health and wellbeing of community workers and families in need of support. We have donated over £165,000 to help local causes in the UK. With a total of £145,000 being donated to charities which support NHS trusts in Grimsby, Barrow, Merseyside, Brightlingsea and London. A further £21,000 will help support the incredible work of foodbanks in those regions during this time.

If you have any questions regarding Hornsea Two and the way we are operating, please contact us via the following details:

Phone: **0800 111 4478**

Email: **[community@hornsealand2.co.uk](mailto:community@hornsealand2.co.uk)**



**We have donated over £165,000 to help local causes in the UK.**

# Hornsea One offshore wind farm



Hornsea One has a capacity of 1.2 GW - the world's largest offshore wind farm



It provides enough power on average to over 1 million homes



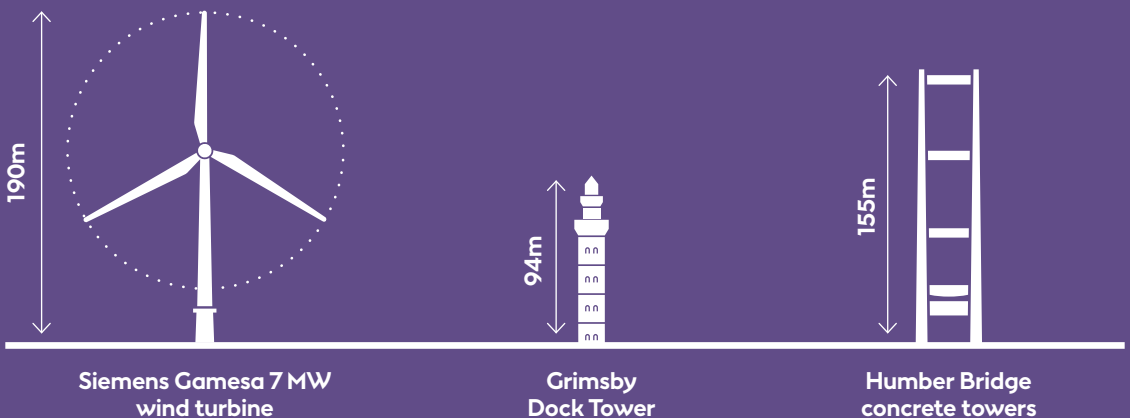
The wind farm is as far away from shore as Hull is from Hartlepool as the crow flies



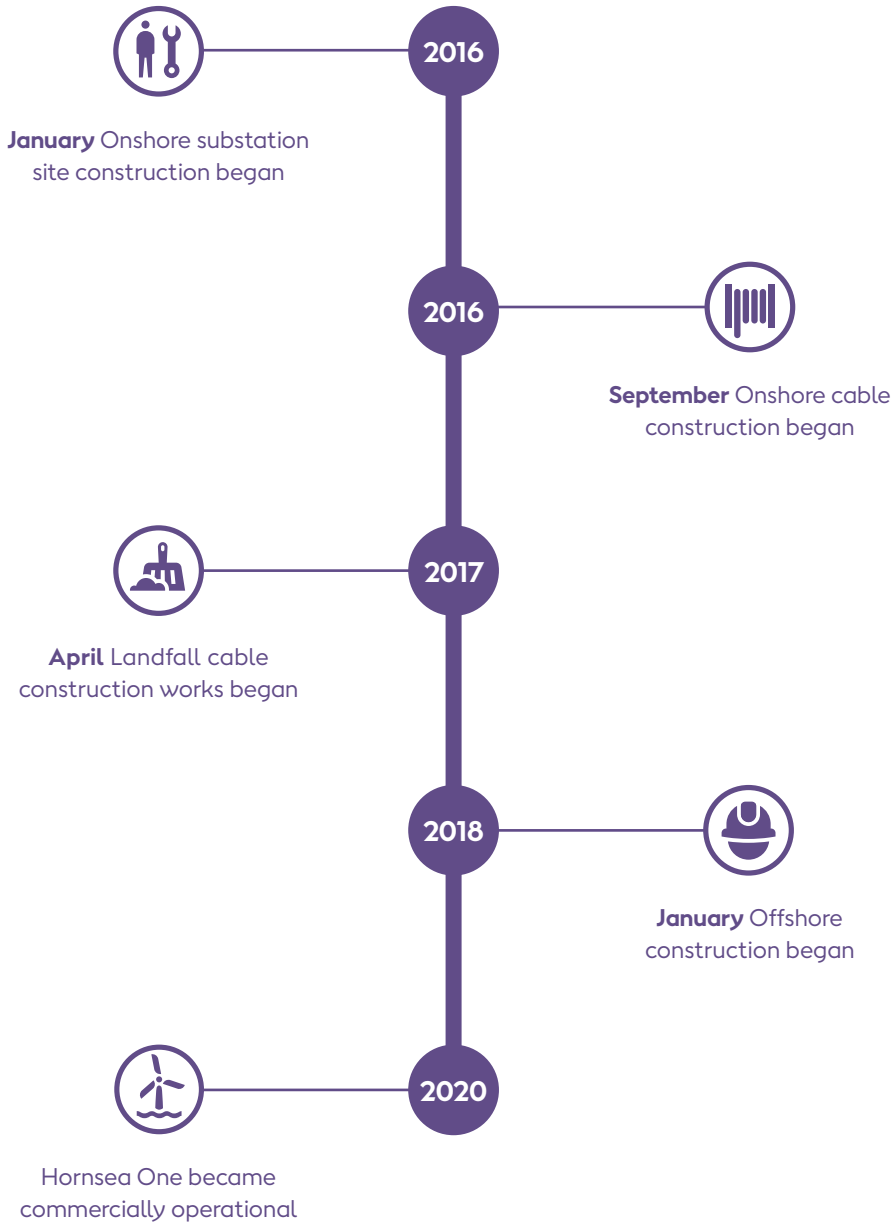
All onshore cables have been installed and reinstatement of the land is almost complete



All 174 offshore wind turbines have been installed



# Hornsea One timeline



# Latest news

Ørsted are delighted to announce that Hornsea One is now the world's largest offshore wind farm. It is currently commercially operational and is generating enough electricity on average for over 1 million homes in the UK. We are proud to be contributing towards the UK Government's target of net-zero emissions by 2050.

We would like to thank all those involved on Hornsea One for their hard work in the development of the world's largest offshore windfarm.



# Hornsea Two offshore wind farm



Hornsea Two has a capacity of 1.4 GW



It will provide enough power on average for more than 1.3 million homes



The wind farm will be located 89 km off the coast of Yorkshire



The onshore cable route will run in parallel to that of Hornsea One — between landfall at Horseshoe Point and the onshore substation in North Killingholme



Hornsea Two is due to become commercially operational by 2022



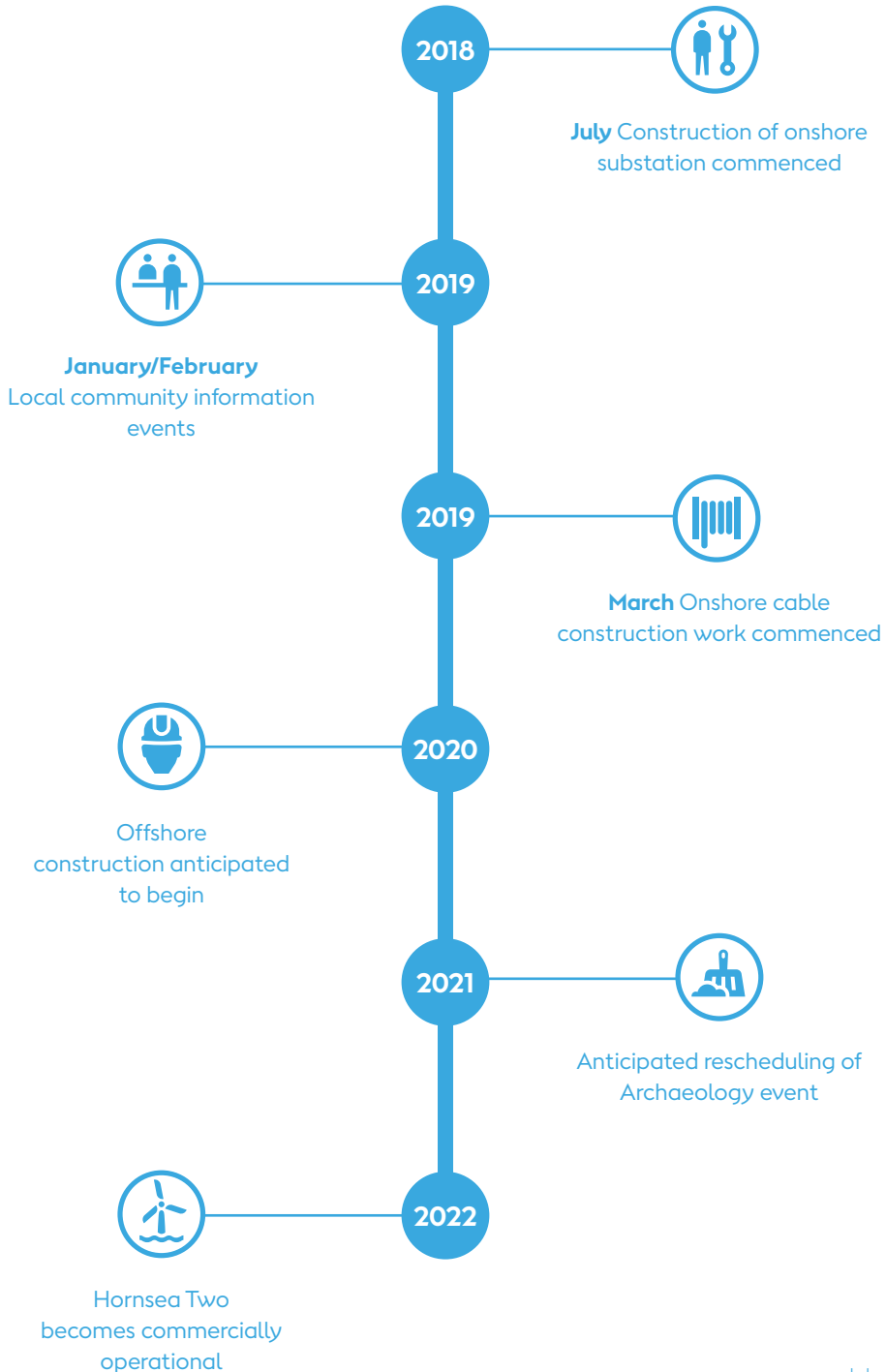
The onshore cables will be installed via ducts to speed up the cable laying process



Archaeological investigations along the cable route are ongoing



# Hornsea Two timeline



# Latest news

We reached a significant milestone for the project in April 2020, having completed the production on all onshore cable systems for Hornsea Two.

Ørsted was also pleased to make two new contract appointments that utilise the local supply chain. This includes North Killingholme based contractor Fussey Engineering being appointed to carry out works at the substation in North Killingholme and Trelleborg providing cable protection systems which will be manufactured in the North of England.

Construction work along the route is ongoing and significant progress has been made on the joint bay construction and duct laying. Our work at landfall also included the completion of the



Fussey Engineering are a well-known name in the area and, by working together on this project, all parties involved will benefit the local economy and business community.

In our continued bid to support and promote a strong national supply chain, we are also pleased that Trelleborg's product will be made locally in the North of England.

**Patrick Harnett**, Senior Programme Director for Hornsea Two.

final cable duct at Horseshoe Point, which represents a notable technical achievement for the project team and the culmination of many months of hard work.

All work on the project is being carried out in line with the social distancing and mitigation measures outlined by the Government as a result of the COVID-19 outbreak. This includes an ongoing review of the schedule of works over the upcoming weeks and months, including the cable jointing programme.



**Onshore construction activities along the cable route**

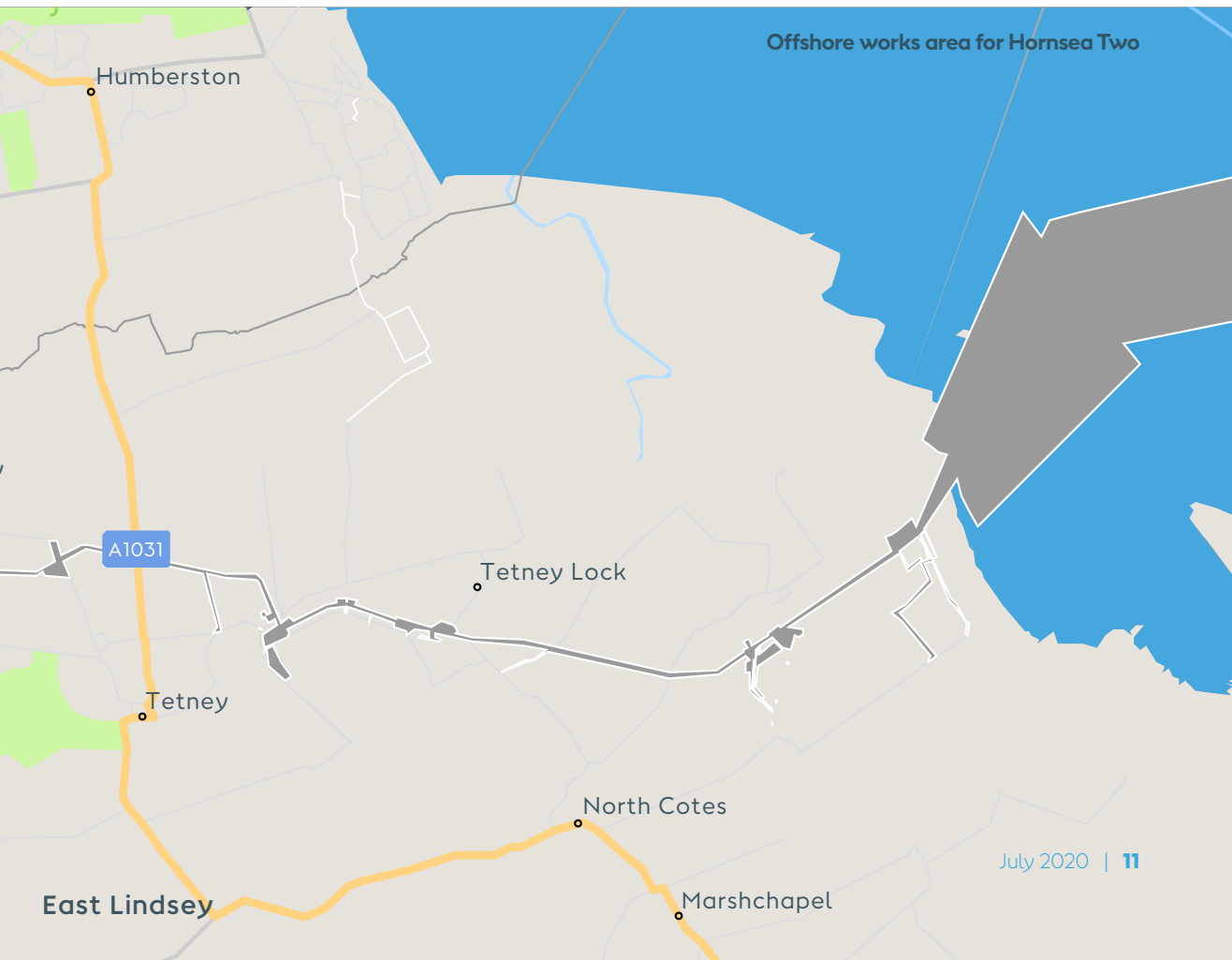
# Offshore construction update

We can now also provide an update on the offshore construction activities which are taking place on Hornsea Two. This summer, Hornsea Two reaches a significant milestone with offshore cable installation activities taking place. This means that the project will begin installing the first export cable from between the two offshore substations to the cable landfall at Horseshoe Point.

Ørsted are also looking ahead towards next summer's construction activities where we will see the installation of the second two cables.

Once operational, Hornsea Two will have a capacity of 1.4 GW, providing enough power for over 1.3 million UK homes. At Ørsted we are incredibly proud to continue to contribute to improving the UK's energy security and the Government's 2050 net-zero emissions target.

For further information on the location of nearshore and offshore works, please consult the Kingfisher bulletin or our Notice to Mariners.



# A day in the life

At Ørsted, we are on a journey to create a world that runs entirely on green energy. Every one of our employees plays a vital role in fulfilling this vision. We want to highlight some of the people carrying out key roles within our organisation, helping to ensure that we continue to revolutionise the way we provide power.

In this edition, we are exploring the work that our archaeology contractors carry out. As many of you may be aware, we were set to hold an archaeology event in March 2020, presenting an opportunity to illustrate the methods undertaken and array of finds discovered along the Hornsea Two cable route. Despite this event being postponed, we would still like to provide you with an insight

into the important role that the contractors play in excavating, collecting and preserving archaeological finds.

Due to Lincolnshire's rich history that stretches back from the medieval era all the way up to the Roman and Iron Age periods, our contractors have discovered several notable finds from these different time periods. This includes a series of regionally significant medieval salt making sites, substantial Roman settlements, as well as several Iron Age farms. Smaller finds of significance have also been made including medieval pottery, Anglo-Saxon jewellery and wine bottles.



We have also uncovered connections to industries that used to be particularly prevalent in the area. This includes the salt making industry which used to be extremely important on the Lincolnshire coastline and was one of the Britain's largest exports in the 14th century, helping to supply the fishing industry and the North Sea fish trade.

Our work on the project has involved excavating a number of different sites by hand that were identified following special surveys of the cable route. It is something that requires a lot of patience and delicate, precise work and all-weather work! After the finds are successfully removed, logged and categorised, they are stored within the archives of the North Lincolnshire Museum Service.

We will be showcasing more about archaeological finds from along our onshore cable route, the history of the local area, the processes we undertake and how the finds are carefully preserved in rescheduled Archaeology events which are expected to be held in late 2020 and early 2021.



# Community Benefit Funds Newsletter

We at Ørsted want to share with you the many great projects taking place across all our Community Benefit Funds.

Ørsted are committed to making a positive impact in the communities where we construct and operate our offshore wind farms and other projects. So far, our Community Benefit Funds have awarded over £4 million to more than 350 projects supporting local groups and organisations along the East and West coasts.

Our Community Benefit Funds are administered by independent grant-making charity GrantScape, with decision-making supported by local Advisory Groups made up of community specialists.

To share with you the latest news and stories on the people and projects benefitting from our grants, we have established a Community Benefit Funds newsletter, which can be accessed on our website at:

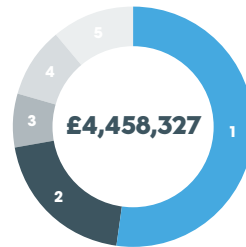
[orsted.co.uk/communitybenefitfunds](http://orsted.co.uk/communitybenefitfunds)

## Ørsted provide Community Benefit Funds for the following offshore wind farm projects

- Burbo Bank Extension in Liverpool Bay – £225,000 per year
- Walney Extension in the Irish Sea off the Cumbria coastline – £600,000 per year which includes £100,000 Skills Fund
- East Coast – Hornsea Projects and Racebank located in the North Sea off the Yorkshire, Lincolnshire and North Norfolk coastline – £465,000 per year which includes £75,000 Skills Fund



## Funds awarded to date:



1. Community activities and services



2. Community buildings and facilities



3. Nature and public open space projects



4. Sports, recreation and play



5. Skills Fund projects

# East Coast Community Fund

In May 2020, we marked another important milestone, with over £1.5 million awarded in funding to the local community from the East Coast Community Fund since 2016.

Over the last four years, we've been working closely with our fund administrators, Grantscape, to help give back to the community in areas where we construct and operate.

We've already supported over 120 local projects and our grants will remain available through to 2037, giving many more local organisations opportunities to benefit from these funds.

## About the East Coast Community Fund

The East Coast Community Fund is part of Ørsted's community engagement programme for Our Race Bank and Hornsea offshore wind farms, which are located off the Yorkshire, Lincolnshire and North Norfolk coast.

Ørsted have committed to the Community Fund grants worth £465,000 annually. There are two funding rounds each year. To be eligible to apply for a grant, your project must be both located in, and for the benefit of, communities within the funding area. Grants from £1,000 up to £50,000 are available. For more information on the Fund and to check eligibility criteria, visit:

[grantscape.org.uk/fund-eastcoastcommunityfund](https://grantscape.org.uk/fund-eastcoastcommunityfund)

Applications for the most recent round of funding will close on **Wednesday 29 July 2020**.

You can contact GrantScape on 01908 247634 or via email at [eccf@grantscape.org.uk](mailto:eccf@grantscape.org.uk)



We are delighted to reach such a substantial figure of £1.5 million awarded to local projects. We're proud to have given over 120 brilliant projects the opportunity to make meaningful differences in their local community as part of our commitment to the local area.

**Imran Nawaz**, Stakeholder Advisor and Community Benefit Fund Manager for Ørsted

# Community engagement methods

We have a range of engagement initiatives which allow you to follow the progress of the projects or to contact us with your questions. These include:



## Local engagement

The project team meets with several parish councils to share plans and engage with the local community.



## Website

[orsted.co.uk](http://orsted.co.uk)



## Twitter

[@OrstedUK](https://twitter.com/OrstedUK)



## Freephone information line

0800 111 4478

The Freephone information line is open for calls between 9am and 5pm, Monday to Friday, with an answer phone facility to take messages outside these hours.



## Community liaison officer

We have a dedicated community liaison officer, Dereth Morgan, who covers both projects in an onshore capacity. Dereth is the first point of contact for onshore enquiries from the local community.

You can contact Dereth by calling **07472 617 839**  
or by emailing [community@hornsea1and2.co.uk](mailto:community@hornsea1and2.co.uk)

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**Ørsted**